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APPLICATION NO.	FILING DATE	. FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/560,573	12/12/2005	Theodore Letavic	US03 0162 US2	6633
65913 NXP, B.V.	7590 04/26/2007 EXAMINER			
NXP INTELLE	CTUAL PROPERTY	KEBEDE, BROOK		
M/S41-SJ 1109 MCKAY DRIVE			ART UNIT	PAPER NUMBER
SAN JOSE, CA	. 95131	2823		
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SHORTENED STATUTORY	Y PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE	
3 MONTHS		04/26/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

		Application No.	Applicant(s)			
Office Action Summary		10/560,573	LETAVIC, THEODORE			
		Examiner	Art Unit			
		Brook Kebede	2823			
	The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply					
A SH WHIC - Exter after - If NC - Failu Any I	ORTENED STATUTORY PERIOD FOR REPLY CHEVER IS LONGER, FROM THE MAILING DATE in a sions of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. In period for reply is specified above, the maximum statutory period were to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing and patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION B6(a). In no event, however, may a reply be tim vill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).			
Status						
1)⊠	Responsive to communication(s) filed on <u>05 Ap</u>	<u>oril 2007</u> .				
2a) <u></u> □	This action is FINAL . 2b) This action is non-final.					
3)[Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.					
Dispositi	on of Claims					
5)□ 6)⊠ 7)□	Claim(s) <u>1-3</u> is/are pending in the application. 4a) Of the above claim(s) is/are withdraw Claim(s) is/are allowed. Claim(s) <u>1-3</u> is/are rejected. Claim(s) is/are objected to. Claim(s) are subject to restriction and/or					
Application Papers						
10)	The specification is objected to by the Examiner The drawing(s) filed on is/are: a) access Applicant may not request that any objection to the Correction Replacement drawing sheet(s) including the correction of the oath or declaration is objected to by the Example 1.	epted or b) objected to by the liderawing(s) be held in abeyance. See on is required if the drawing(s) is obj	e 37 CFR 1.85(a). jected to. See 37 CFR 1.121(d).			
Priority u	ınder 35 U.S.C. § 119					
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.						
Attachmen	t(s)					
2) Notic 3) Inform	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO/SB/08) r No(s)/Mail Date 12/12/05.	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:	ate			

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DETAILED ACTION

Election/Restrictions

1. Applicant's election without traverse of Species I, i.e., claims 1-3, in the reply filed on April 5, 2007 is acknowledged. Accordingly, the non-elected claims cancelled as set forth in the amendment filed on April 5, 2007.

Specification

- 2. The abstract of the disclosure is objected to because of the following:
 - A single page abstract is required as set forth 37 C.F.R. § 1.72(b). Correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 4. Claims 1-3 are rejected under 35 U.S.C. 102(b) as being anticipated by Krivokapic (US 6,339, 244 B1).

Re claim 1, Krivokapic discloses a thin film Silicon on Insulator (SO1) device comprising a source (34), a gate (22), a drain (36), an SOI layer (18), and a substrate layer (12), the substrate layer (12) being maintained at a potential enough lower than the source so that a parasitic MOS channel is formed between the source and drain (i.e., low concentration p- type doped substrate 12); and a Deep N implant layer (40) (i.e., n-type dopant 40 formed in the substrate 12, Figs. 4-6, invert the p-type dopant that prevent electric fields from the drain to reach through the insulator to the source during the operation) formed between either the source

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or drain and the parasitic MOS channel to prevent the flow of current between the source and drain via the parasitic MOS channel when the device is in an off state (i.e., fully depleted channel during region of 18 OFF-STATE of the MOS device) (see Figs. 1-11 and related text in Col. 2, line 43 – Col. 4, line 63).

Re claim 2, as applied to claim 1 above, Krivokapic discloses all the claimed limitations including wherein the Deep N implant layer is formed between the source and the parasitic MOS channel (see Figs. 1-11 and related text in Col. 2, line 43 – Col. 4, line 63).

Re claim 3, as applied to claim 1 above, Krivokapic discloses all the claimed limitations including wherein the Deep N implant layer is formed between the drain and the parasitic MOS channel (see Figs. 1-11 and related text in Col. 2, line 43 – Col. 4, line 63).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure Mitani et al. (US 5,864, 161 A) and Iwata et al. (US 6,255,704 B1) also disclose similar inventive subject matter.

Correspondence

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brook Kebede whose telephone number is (571) 272-1862. The examiner can normally be reached on 8-5 Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew S. Smith can be reached on (571) 272-1907. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Brook Kehede

Brook Kebede Primary Examiner Art Unit 2823

BK

April 23, 2007